

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A*

C-A OPERATIONS PROCEDURES MANUAL

14.20.1 Operational Control Form for SMD Electronic Assembly Operations

Text Pages 2 through 3

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Approved: *Signature on File*
 Collider-Accelerator Department Chairman Date

Approved: *Signature on File*
 Superconducting Magnet Division Head Date

M. Van Essendelft

BNL ENVIRONMENTAL MANAGEMENT SYSTEM

OPERATIONAL CONTROLS FORM

OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS:	COMPLETED BY: <u>M. VAN ESSENDELFT</u> DATE: <u>MARCH 15, 2006</u>
1. Operation(s): SMD Electronic Assembly Operations (AM-522-EAO)	
2. Activity(ies): <ol style="list-style-type: none"> 1) Atmospheric discharge from solder & epoxy (may use permitted hoods) 2) Waste generation (hazardous and regulated industrial) 3) Chemical storage (flammable) 	
3. Operational Controls (technological, operational, procedural operating criteria): <ol style="list-style-type: none"> 1) SBMS Subject Area: Generating Waste 2) Haz Waste 90-Day Area/Weekly Inspection Program 3) Haz Waste Satellite Accumulation Areas 4) Chemical Management System (CMS) 5) Chemicals Stored in Flammable Storage Cabinets 6) Laboratory's Title V Facility Air Emission Permit (NYSDEC 1-4722-0032/00155). 7) Log books for permitted air emission points/material use records 8) SMD OPM 2.12, "Work Control and Planning" 9) Tier I program and self-assessments 	
4. Maintenance Plan(s): <ol style="list-style-type: none"> 1) Air hoods maintained by MMC on an "as-needed basis." No processes are performed when hood is OOC. Facility Support verifies airflow through hood on an annual basis. 	
5. Actions to be Taken if Controls Fail: <ol style="list-style-type: none"> 1) Call spill response hotline – x2222 2) Local Emergency Plan 3) 90 Day Area contingency Plan 	
6. Records: <ul style="list-style-type: none"> • Log books for permitted air hoods/material use records • Tier I Inspection records /Tracking Database • 90-Day Area Inspections • Operational Control Form 	

BNL ENVIRONMENTAL MANAGEMENT SYSTEM OPERATIONAL CONTROLS FORM

OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS: <hr/>	COMPLETED BY: <u>M. VAN ESSENDELFT</u> DATE: <u>MARCH 15, 2006</u>	
<ul style="list-style-type: none"> Process Assessment Form/Corrective Action Tracking Database 		
7. Responsibilities: [(a) to ensure controls are in place; (b) to ensure controls keep working; (c) to take action when controls fail; (d) to create and keep records relative to operational controls]		
Name	Responsibility	
Electrical Technician Building Manager SMD Tier I Inspection Committee 90-Day Area Manager/ESH Coordinator ECR	<ul style="list-style-type: none"> Maintain air hood log book/material usage information Maintain Satellite Accumulation areas Ensure air hoods are operational Tier I documentation Maintain 90-Day Area per Hazardous Waste Subject Area Update Process Assessment Forms 	
8. Training:		
Name	Training	Date
90-Day Area Manager/ESH Coordinator Technician Supervisor Electrical Technician	RCRA 90-Day Area Manager (HP-90-Day) Haz. Waste Generator (HP-RCRIGEN3) AM-ENV-FS1	See BTMS Database